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BILIMOVIC, ANTON

Higher mathematics for physicists, chemists, biologists, and statisticians. illus.

Visa matematika za fizicare, hemičare, biologe i statisticare,  
Beograd, Jugoslavija. Izd. preduzeće Narodne republike Srbije  
1948. 538 p.  
MiU Not in DLC

Monthly List of East European Accessions, (EEAI) LC, Vol. 8,  
no. 6, June 1959  
Uncl.

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In a system in which the final expression for  $\rho_{\text{eff}}$

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In previous papers the author showed that his so-called "Plaff method," in which the canonical equations of motion are derived from Plaff's expression, can be applied to various problems of mechanics. Here he applies his method to the

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BILINOVITCH, A.

BILINOVITCH, A. The Seasonal Variation of the Earth's Rotation.  
Bulletin, Sciences Matematiques, Beogradu (Serbian Academy of Sciences), 1952, v. 5, no. 1, p. 157.  
SO: AFON-1A1, IR-1186-57, 19 Feb 57, uncl.

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Billimovitch, Anton. On the restitution of homogeneity  
~~in equations of velocity character.~~ Glas Srpske Akad.  
Nauka 206. Od. Prirod.-Mat. Nauka (N.S.) 5 (1953),  
43-48. (Serbo-Croatian. English summary)  
The Serbo-Croatian version of Acad. Serbe Sci. Publ.  
Inst. Math. 5 (1953), 29-34 [MR 15, 476]. T. P. Andelić.

✓  
RW

Bilimovitch, Anton

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L - F/W

Bilimovitch, Anton. Apollonius theorem on station of  
the planet. Glas Srpske Akad. Nauka 206, Od.  
Prirod.-Mat. Nauka (N.S.) 5 (1953), 49-56. (Serbo-  
Croatian. English summary)

WR 8/1

MAN /  
6/10

REW

BILIMOVIC, A.

"The Divector and its Algebra." p. 57.  
(Glas. Vol. 206, no. 5, 1953, Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress,  
Feb. 1954, Uncl.

BILIMOVIC, Anton

Yugoslavia (430)

Science

Euklidovi elementi ETOLEMIA. Beograd [Naucna knjiga]  
naucni spisi, knj. 2. Matematicki institut, knj. 2)  
[Euclid's elements ETOLEMIA. Vol. 2. Tr. From  
the Greek]

East European Acquisitions List. Library of Congress.  
Vol. 2, No. 6, June 1953, Unclassified.

BILINOVIC, ANTON

Racionalna Mekhanika. II, Beograd, Naučna knj. /National Mechanics. II. Mechanics of Systems. Subject index/

SO: Monthly List of East European Accessions, Vol. 3, No. 2,  
Library of Congress, February, 1954, pp. 1-10, Uncl.

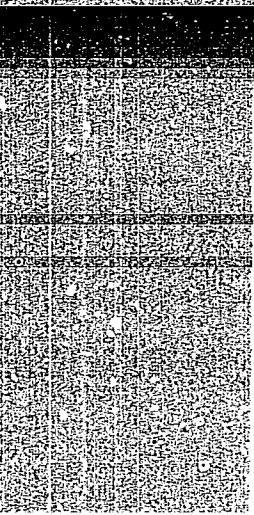
BILJUČIĆ, A.

"Rate of deflection of a nonanalytic function in relation to an analytic function. p. 17, (PUBLICATIONS, Vol. 6, 1954, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4,  
Apr 1955, Uncl.

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CIA-RDP86-00513R000205320001-8"

BILIMOVIC, A.

"Application of the measure of the analytic deflection of a nonanalytic function to hydromechanics. In French."

p. 33 (Bulletin. Sciences Mathematiques) Vol. 10, no. 2, 1956  
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320001-8

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320001-8"

RILLIMOVIC, A.

Kinematics and dynamics of the solid body in its natural coordinates.  
p. 39. SAOBRACAJ. Srpska akademija nauka. Odjeljenje tehnickih  
nauka. GLAS. Beograd. Vol. no. 220, 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress,  
Vol. 5, no. 12, December 1956

"APPROVED FOR RELEASE: 06/08/2000

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BILIMOVIC, Anton.

2  
Bilimovic, Anton. Sur les paramètres géométriques.  
Srpska Akad. Nauka. Zb. Rad. 55, Mat. Inst. 6 (1957),  
59-68. (Serbo-Croatian. French summary)

La variabilité des figures géométriques. Les paramètres  
géométriques: 1. De la forme. 2. De la grandeur et 3. De  
la position. Exemples. Traitement des paramètres géo-  
métriques à l'étude de géométrie élémentaire.

Résumé de l'auteur

16.3800

37584

S/044/62/000/004/017/099  
C111/C444

AUTHOR:

Bilimovich, A.

TITLE:

Hydromechanic applications of the measure for the deviation of a non-analytic function from analyticity

PERIODICAL:

Referativnyy zhurnal, Matematika, no. 4, 1962, 27-28,  
abstract 4B126. ("Glas. Srpska AN", 1959, 237, 73-81)

TEXT:

As the measure for the deviation of a non-analytic function  $w = u(x,y) + iv(x,y)$  from analyticity in a given point the author understands the expression  $B(w) = u_x - v_y + i(u_y + v_x)$ . For an analytic function there is obviously  $B(w) = 0$ . If  $u + iv$  is the velocity of the particle of a liquid,  $\epsilon$  is the velocity of the deformation of the volume, and  $2w$  is the vortex, then for the function  $\tilde{w} = u - iv$  the relation  $B(\tilde{w}) = \theta - 2iw$  holds. The author mentions that  $B(w) = 0$  holds if and only if the liquid is incompressible and the flow is irrotational. The expression  $B(w)$  is further on used in the consideration of the plane motion of viscous liquid, if certain additional Stokes' conditions (stationarity, absence of exterior forces etc. are satisfied.)

Card 1/2

Hydromechanic applications of the ...

S/044/62/000/004/017/099  
C111/C444

One notes that in such a case the function  $w$  is harmonic and the stream function  $\Psi(x,y)$  satisfies the biharmonic equation  $\Delta^2 \Psi = 0$ .

[Abstracter's note: Complete translation.]

Card 2/2

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320001-8

BILIMOVIC, A.

Differential equations of algebraic curves. Glas prir sat SANU no.254:  
55-65 '63.

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320001-8"

BILIMOVICH, B.F.

Physics - Study and Teaching

Wave generator for demonstrating transverse waves  
Fiz. v shkole, 12, no. 2, 1952

BILIMOVICH, B. F.

Acad Sci USSR, Inst of the History of Natural Science and Engineering

BILIMOVICH, B. F. "The history of development of physics in Moscow University in the post-reform period (1855-1885)." Acad Sci USSR. Inst of the History of Natural Science and Engineering. Moscow, 1956.  
(Dissertation for the Degree of Candidate of Physicomathematical Science)

SO: Knizhnaya Letopis', No. 13, 1956

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320001-8

BILIMOVICH, B.F. (g.Tambov).

Experiments in electrostatics as homework. Fiz. v shkole 18  
no.4:62-63 Jl-Ag '58. (MIRA 11:?)  
(Electrostatics--Study and teaching)

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"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320001-8

BILIMOVICH, B.F. (Tambov)

Experiment for introducing the moment of force concept.  
Fiz. v shkole 23 no.5:59 S-0 '63. (MIRA 17:1)

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CIA-RDP86-00513R000205320001-8"

Bilimovich, G.N.

USSR/Analytical Chemistry. General Questions

G-1

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8405

Author : Alimarin, I.P., and Bilimovich, G.N.

Title : Chemical Analytical by Isotope Dilution Methods

Orig Pub : Khim. nauka i prom-st, 1956, Vol 1, No 1, 74-84

Abstract : A survey with a bibliography listing 89 items.

Card : 1/1

AUTHORS: Bilimovich, G. N., Alimarin, I. P. 75-6-3/23

TITLE: The Technique of the Method of Dilution With Radioactive Isotopes (Tekhnika opredeleniy metodom izotopnogo razbavleniya).

PERIODICAL: Zhurnal Analiticheskoy Khimii, 1957, Vol. 12, Nr 6, pp. 685-689 (USSR).

ABSTRACT: The experimental material on the technique and methodology of the dilution of isotopes with radioactive indicators is described in the present report. Bi<sup>210</sup> and Pb<sup>212</sup> were used as indicators. The accuracy of this method depends on:  
1 - The content of the element in the initial material. The optimum results were obtained with experiments with 8 to 10 mg of initial material.  
2 - The specific activity of the used indicator. At least 400 Ci/Mg/mg are required for achieving maximum accuracy.  
3 - The ratio of the quantity of the material to be investigated to the indicator.  
Ra E/Bi<sup>210</sup> and ThB/Pb<sup>212</sup> were isolated in pure radioactive form. Bismuth was determined in the form of phosphate and pyrogalate. Bismuth and lead were also precipitated from sulphinate of benzene with sulphinate of ammonium benzene.

Card #

*Inst. for Geochim + Analytical Chem in V. I. Vernadskij  
AS USSR, Moscow*

ALIMARIN, I.P.; BILIMOVICH, G.N.

Isotope dilution applied to the determination of various rare elements. Trudy kom.anal.khim. 9:219-225 '58. (MIRA 11:11)  
(Metals, Rare and minor) (Isotopes)

5(0)

AUTHOR: Bilimovich, G. N.

SOV/75-14-4-30/30

TITLE: Section of Analytical Chemistry of the VIII Mendeleev Congress on General and Applied Chemistry

PERIODICAL: Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 4, pp 511-512 (USSR)

ABSTRACT: Approximately 300 persons participated in the work of the Department of Analytical Chemistry, among them representatives of various scientific research institutes, higher schools and industrial enterprises in Russia, scientists from China, Bulgaria, the CSR, Poland, Hungary, and Italy. Approximately 70 reports were heard. In his opening speech I. P. Alimarin reported on the achieved results and on modern problems of analytical chemistry. I. V. Tananayev reported on the application of physico-chemical analysis in heterogeneous systems for the solution of a series of problems of analytical chemistry. V. I. Kuznetsov reported on modern aims in the use of organic reagents; A. K. Babko showed at the example of halide and thiocyanate complexes the correlation between the stability of complexes and the position of the corresponding central atoms in the periodic system. V. M. Peshkova and V. M. Bochkova lectured on the stability

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Section of Analytical Chemistry of the  
VIII Mendeleyev Congress on General and Applied Chemistry

SOV/75-14-4-30/30

of oximates of Cu, Co, and Ni as depending on the structure of the oxime molecule. V. F. Toropova lectured on the double character of reaction of some compounds in the formation of complexes. The problem of the application of heteropolyacids in analytical chemistry was dealt with in the lectures of Z. F. Shakhova and co-workers, and A. I. Kokorin and N. A. Polotebnova. A large number of lectures dealt with the use of new organic reagents in analysis: A. I. Busev and M. I. Ivanyutin reported on the application of dialkyl and diaryl dithiophosphoric acid for the separation of elements, A. I. Portnov used aryl arsonic acid and aryl phosphinic acid. R. P. Lastovskiy and his co-workers treated some properties of new complexons. The lectures of V. A. Nazarenko, G. G. Shitareva and A. I. Kononenko dealt with the photometric determination of a series of elements using fluorine derivates. A. I. Cherkesov lectured on the use of halochromation in analytical chemistry. B. M. Dobkina and T. M. Malyutina lectured on the determination of tantalum using differential spectrophotometry. Yu. V. Morachevskiy and I. A. Stolyarova reported on new highly sensitive analysis methods using an ultraviolet microscope. Several lectures dealt with

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Section of Analytical Chemistry of the  
VIII Mendeleyev Congress on General and Applied Chemistry

SOV/75-14-4-30/30

methodical and theoretical problems of spectrum analysis (N. F. Zakhariy and G. A. Sheynin; E. Ye. Vaynshteyn and co-workers). N. S. Poluektov and M. N. Nikonova treated the perfection of flame photometry. Several lectures dealt with the determination of elements by polarography (S. I. Sinyakova; Z. B. Rozhdestvenskaya and I. A. Yarovoy; Ya. P. Gokhahteyn). New results in using fixed electrodes were reported by I. D. Panchenko and Yu. S. Lyalikov and co-workers. The lecture of N. I. Udal'tsova and P. N. Paley treated the use of amperometric titration with two electrodes in the chemistry of uranium and thorium. M. M. Senyavin showed possibilities of predicting the conditions of chromatographic separation of elements based on their position in the periodic system. T. A. Belyavskaya reported on the use of ion exchange in the investigation of the state of substances in solutions. A. S. Vernidub and V. I. Petrashen lectured on the chromatographic separation of a series of elements, N. G. Polyanskiy reported on adapting the properties of ion exchanger resins, F. M. Shemyakin and associates reported on the chromatographic proof of sulfanilamide preparations in liquids of the organism. G. L. Starobinets and associates treated

Card 3/4

Analytical Chemistry of the  
VIII Mendeleyev Congress on General and Applied Chemistry

SOV/75-14-4-30/30

the application of high polymers in chromatographic analysis. The lecture of A. A. Zhukhovitskiy and N. M. Turkel'taub, G. Shay dealt with gas chromatography. Several lectures treated the use of radioactive isotopes for the chromatographic investigation of complex formation (D. I. Ryabchikov and associates), for the investigation of the co-precipitation mechanism of ions of rare metals with sulfides (N. A. Rudnev) and for determining rare elements by means of isotope dilution (I. P. Alimarin, G. N. Bilimovich). In the field of elementary organic microanalysis the lectures of M. O. Korshun, N. E. Gel'man and V. A. Klimova with associates have to be mentioned, who treated the elaboration of rapid micromethods for the simultaneous determination of several elements from one weighed portion of boron, fluorine and silicium-organic compounds.

Card 4/4

USCOMM-DC 61,608

BILIMOVICH, G. N.

Cand Chem Sci - (diss) "Chemical analysis of an isotopic dilution method and its application for the determination of niobium and tantalum." Moscow, 1961. 15 pp; (Moscow State Univ imeni M. V. Lomonosov, Chemical Faculty); number of copies not given; price not given; (KL, 5-61 sup, 175)

DILIMOVICHT, G. T.

PHASE I BOOK EXPLOITATION

SOV/5777

Vinogradov, A. P., Academician, and D. I. Ryabchikov, Doctor of  
Chemical Sciences, Professor, Resp. Eds.

Metody opredeleniya i analiza redkikh elementov (Methods for the  
Detection and Analysis of Rare Elements) Moscow, Izd-vo AN SSSR,  
1961. 667 p. Errata slip inserted. 6000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut geokhimii i  
analiticheskoy khimii im. V. I. Vernadskogo.

Ed. of Publishing House: M. P. Volynets; Tech. Ed.: O. Gus'kova.

PURPOSE: This book is intended for analytical chemists and for  
students of analytical chemistry.

COVERAGE: The handbook was published in accordance with a decision  
of the Vsesoyuznoye soveshchaniye po analizu redkikh elementov  
(All-Union Conference on the Analysis of Rare Elements) called

Card 1/5.

## Methods for the Detection (Cont.)

SOV/5777

together by the Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR (State Scientific and Technical Committee of the Council of Ministers of the USSR) and the Academy of Sciences USSR in December, 1959. The material is arranged in accordance with the group position of elements in the periodic system, and each section is prefaced by an article discussing the analytical methods most used in the Soviet and non-Soviet countries. Each section deals with the physical, physicochemical, and chemical methods for the analysis of raw materials, semi-products, and pure metals, and is accompanied by an extensive bibliography listing works published in the field in recent years. The following are mentioned for their help in preparing the book for publication: I. P. Alimarin, G. N. Bilibovich, A. I. Busev, E. Ye. Vaynshteyn, M. P. Volynets, V. G. Goryushina, A. M. Dymov, S. V. Yelinson, O. Ye. Zvyagintsev, G. M. Kolosova, Ye. K. Korchemnaya, V. I. Lebedev, G. A. Malofeyeva, B. N. Malent'yev, V. A. Nazarenko, I. I. Nazarenko, T. V. Petrova, N. S. Poluektov, A. I. Ponomarev, V. A. Ryabukhin, N. S. Stroganova, and Yu. A. Chernikov.

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9

Methods for the Detection (Cont.) SOV/5777

Nazarenko, V. A. Present State of the Analytical Chemistry of Germanium 400

Zolotavin, V. L. Present State of the Analytical Chemistry of Vanadium 462

Alimarin, I. P., and G. M. Bilimovich. Present State of the Analytical Chemistry of Tantalum and Niobium 487

Busev, A. I. Present State of the Analytical Chemistry of Molybdenum 537

Troitskaya, M. I. Present State of the Analytical Chemistry of Selenium and Tellurium 580

Ryabchikov, D. I., and Yu. B. Gerlit. Present State of the Analytical Chemistry of Rhenium 628

AVAILABLE: Library of Congress

Card 5/5 JA/rsm/ec  
12-1-61

S/137/62/000/001/233/237  
A154/A101

AUTHORS: Alimarin, I. P., Bilimovich, G. N.

TITLE: The present state of the analytical chemistry of tantalum and niobium

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 11-12, abstract 1K74. (V. sb. "Metody opredeleniya i analiza redk. elementov". Moscow, AN SSSR, 1961, 487-536)

TEXT: This review gives methods for the following: Spectrochemical determination of Nb and Ta in granites. Quantitative X-ray-spectral determination of Nb and Ta in minerals and rocks. Spectrochemical determination of Ta and Nb in ores (arc method). Separation and determination of the amount of Nb and Ta from ores and minerals with phenylarsonic acid. Separation of Nb and Ta from Ti and Nb from Zr by selenious acid. Determination of small amounts of Ta and Nb in the presence of Ti by the method of co-precipitation and isotopic dilution. Extraction separation of Ta from Ti with cyclohexanone and determination of Ta. Chromatographic separation of Nb and Ta from Ti and determination of Nb and Ta. Determination of small quantities of Nb in rocks and minerals by the rhodanide

Card 1/2

ALIMARIN, I. P.; BILIMOVICH, G. N.

Quantitative determination of niobium and tantalum by the isotopic dilution method. Coll Cs chem 26 no.1:255-261 Ja '61.  
(MEAI 10:9)

1. Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo,  
Akademiya nauk SSSR, Moskva.

(Niobium) (Tantalum) (Isotopes)

UDAL'TSOVA, N.I.; SAVVIN, S.B.; NEMODRUK, A.A.; NOVIKOV, Yu.P.;  
DOBROLYUBSKAYA, T.S.; SINYAKOVA, S.I.; BILIMOVICH, G.N.;   
SERDYUKOVA, A.S.; BELYAYEV, Yu.I.; YAKOVLEV, Yu.V.;  
NEMODRUK, A.A.; CHMUTOVA, M.K.; GUSEV, N.I.; PALEY, P.N.;  
VINOGRADOV, A.P., akademik, glav. red.; ALIMARIN, I.P.,  
red.; BABKO, A.K., red.; BUSEV, A.I., red.; VAYNSHTEYN, E.Ye.,  
red.; YERMAKOV, A.N., red.; KUZNETSOV, V.I., red.; RYABCHIKOV,  
D.I., red. toma; TANANAYEV, I.V., red.; CHERNIKHOV, Yu.A., red.;  
SENYAVIN, M.M., red. toma; VOLYNETS, M.P., red.; NOVICHKOVA, N.D.,  
tekhn. red.; GUS'KOVA, O.M., tekhn. red.

[Analytical chemistry of uranium] Analiticheskaya khimiia urana.  
Moskva, Izd-vo Akad.nauk SSSR, 1962. 430 p. (MIRA 15:7)

1. Akademiya nauk SSSR. Institut geokhimii i analiticheskoy  
khimii.

(Uranium—Analysis)

ALIMARIN, I.P.; BILIMOVICH, G.N.; YAN YUY-SEN'

Study of the exchange between radioactive and stable  
niobium in citrate complexes by the method of isotope  
dilution. Radiokhimia 4 no.4:510-512 '62. (MIRA 15:11)  
(Niobium compounds)  
(Citrates) (Niobium—Isotopes)

S/078/62/007/012/009/022  
B144/B180

AUTHORS: Alimarin, I. P., Bilimovich, G. N., Ts'ui Hsiang-hang

TITLE: Extraction of niobium and tantalum as 8-hydroxyquinoline complexes from hydroxy acid solutions

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 12, 1962, 2725-2730

TEXT: Nb and Ta were extracted from 2% tartaric, oxalic, citric or trihydroxy glutaric acids (pH 1 - 12) with  $\text{CHCl}_3$ ,  $\text{C}_2\text{H}_4\text{Cl}_2$ , toluene,  $\text{CCl}_4$ , isoamyl alcohol, isobutyric aldehyde, methyl-ethyl ketone, cyclohexanone, amyl acetate of diisopropyl ether. The efficiency of Nb extraction decreased in the order citric, tartaric, trihydroxy glutaric acid. The curves for the first two showed maxima at pH ~4.5 and ~9.5, and a minimum at pH 6 - 8. In the subsequent tests the complex was extracted from citric acid (pH 1- 10). With both polar and non-polar solvents the curves for the extraction of the Nb complex were the same shape as described above. Extractive separation of the Ta complex was only successful with polar solvents.  $\text{CH}_3\text{Cl}$ ,  $\text{C}_2\text{H}_4\text{Cl}_2$  and toluene were best for the separation ✓

Card 1/2

BILIN, V. A.

Bee Culture

How we organized an apiary on the collective farm. Pchelovodstvo 30, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

Y BILINETS, P.Yu.[Bilynets', P.IU.]

We'll greet the Plenum of the Central Committee of the  
Communist Party of the Soviet Union with new victories  
attained by labor. Mekh.sil'.hosp. 10 no.11:5-6 N '59.  
(MIRA 13:3)

1. Predsedatel' kolkhoza "Za nove shitty," Irshavskogo rayona,  
Zakarpatskoy oblasti.  
(Irshava District--Collective farms)

*B144213, N.S.*

MILLER, E.E., kandidat tekhnicheskikh nauk; GAL'TSOV,A.D., redaktor;  
BILIMKIS, M.S., inzhener, retsenzent; VAKHILAMOV, I.A., retsenzent;  
SHUMILIN, V.K., retsenzent; PARFENENKO, K.V., redaktor; MATVEYeva,  
Ye.N., tekhnicheskiy redaktor

[Setting technical norms in machine building] Tekhnicheskoe normirovaniye v mashinostroenii. Pod red. A.D.Gal'tsova. Moskva, Gos.  
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 363 p. (MLR 10:4)  
(Machinery industry--Production standards)

1511NATP/EE, S.

BYKHENVAL'D, Aleksandr Vil'gel'movich; SOCHINSKIY, Aron Ruvimovich; BILINKIS,  
M.S., inshener; retsentent; ZAKHAROV, M.Z., inshener, retsentent;  
LETENKO, V.A., kand.sconom.nauk, dotsent, red.; BOGOLYUBOVA, I.Yu.,  
[deceased], red.izdatel'stva; SOKOLOVA, T.F., tekhn.red.

[Operation and production planning and dispatching in machinery  
manufacture plants] Operativno-proizvodstvennoe planirovanie i  
dispetchirovaniye na mashinostroitel'nykh zavode. Moskva, Gos.nauchno-  
tekhn.izd-vo mashinostroit.lit-ry, 1957. 247 p. (MIRA 10:10)  
(Machinery industry)

BILINKIS, S.L., kand.med.nauk

Conservative myomectomy in a late stage of pregnancy. Ped., akush.  
i gln. 22 no.3:63-64 '60. (MIRA 14:4)

1. Uman's'kiy rodil'niy budinok (golovniy likar - S.L.Bilinkis)  
ta ginekologichniy viddil mis'koi likarni (golovniy likar -  
zasluzh. likar URSR I.A.Gudima [I.A.Hudima]).  
(PREGNANCY, COMPLICATIONS OF)  
(GENERATIVE ORGANS, FEMALE--TUMORS)

USSR / General Problems of Pathology. Transplantation  
of Tissue and Tissue Therapy.

U

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13539

in the back and, after 24 hours, the distribution of  $P^{32}$  was determined. Maximum inclusion of  $P^{32}$  in the tissues of the liver, spleen and kidneys was noted on the 4th, 7th and 10th day after the implantation; in the control, on the 7th-10th day. The content of  $P^{32}$  in the control was, in the spleen, 99.4%; in the liver 94.5%, in the kidney 87.7%, in the brain 8.9%. There was more  $P^{32}$  in the inflamed muscle than in the healthy one. The content of  $P^{32}$  in experimental rats was in the liver 166%, in the spleen 163.8%, in the kidney 124.3%, in the brain 12.7%. Simultaneously with the implantation, the content of  $P^{32}$  in the focus of inflammation decreased. The implantation promoted the limitation and

Card 2/3

LUTSENKO, G.Ye.; BILINKIS, S.Ya.

Cancer of the cervix uteri and pregnancy. Zdravookhranenie  
2 no.3:14-16 My-Je '59. (MIRA 12:10)

1. Iz knyedry akusherstva i ginekologii (zav. - prof.A.Z.  
Kocherginsky) Kishinevskogo meditsinskogo instituta.  
(UTERUS--CANCER) (PREGNANCY, COMPLICATIONS OF)

KOCHERGINSKIY, A.Z.; BILINKIS, S.Ya.

Influence of Botkin's disease on the course and outcome of pregnancy.  
Zdravookhranenie 2 no.5:17-21 S-O '59. (MIRA 13:4)

1. Iz kafedry fakul'tetskoy terapii (zaveduyushchiy - zasluzhennyj  
deyatel' nauki prof. N.T. Starostenko) Kishinevskogo meditsinskogo  
instituta.

(HEPATITIS, INFECTIOUS)

KOCHERGINSKIY, A.Z.; BILINKIS, S.Ya.

Influence of Botkin's disease on the course and outcome of pregnancy.  
Zdravookhranenie 2 no.5:22-25 S-0 '59. (MIRA 13:4)

1. Iz kafedry akushерstva i ginekologii (zaveduyushchiy prof. A.Z. Kocherginskiy) Kishinevskogo meditsinskogo instituta.  
(HEPATITIS, INFECTIOUS) (PREGNANCY, COMPLICATIONS OF)

BILINKIS, S.Ya.

Use of mycerin in some obstetric and gynecologic diseases.  
Zdravookhranenie 5 no.5:31-33 S-0'62. (MIRA 16:7)

1. Iz kafedry akusherstva i ginekologii (zav.-- prof. A.Z.  
Kocherginskiy) Kishinevskogo meditsinskogo instituta.  
(MYCERIN) (UTERUS—DISEASES)  
(BREAST—DISEASES)

S/275/63/000/001/013/035  
D469/D308

AUTHORS: Fryszman, Alexander, Bilińska, Bożena, Urbański, Jerzy  
and Zarzycka, Ewa

TITLE: A light-sensitive layer suitable for transmitter TV  
tubes and the method of its preparation

PERIODICAL: Referativnyy zhurnal, Elektronika i yeye primeneniye,  
no. 1, 1963, 38, abstract 1A 219 P (Polish patent,  
kl. 21g, 13/25, no. 44593, July 1, 1961)

TEXT: The patented highly sensitive substance with high resistivity can be used for storage signal electrodes operating under normal conditions. The semiconductor  $Sb_2S_3$  is activated by a mixture of Cu, Au and Ag. The mixture (whose weight is 0.1 to 0.5% of the weight of the semiconductor) is deposited on the output side and then fused twice in vacuum or in the atmosphere of an inert gas. Further stages of preparation of the signal electrode are not different essentially from the usual procedures employed during pro-

Card 1/2

A light-sensitive layer ...

S/275/63/000/001/013/035  
D469/D308

duction of vidicons (sputtering in a N atmosphere). The resultant sensitivity is 5 times greater than that of standard vidicons; the dark current in signal electrode is somewhat diminished.

ASSOCIATION: Przemysłowy Instytut Elektrotechniki, Poland  
[Abstracter's note: Complete translation.]

Card 2/2

POLAND/Chemical Technology. Chemical Products and Their  
Applications. Pharmaceuticals. Vitamins.  
Antibiotics.

H

Als Jour: Ref Zhur-khim., No 8, 1959, 28576.

Author : Bross, T. and Bilinska, U.

Inst :

Title : The Colorimetric Determination of Rutin with  
Urinyl Salts.

Craig Pub: Acta Polon Pharmac, 15, No 1, 39-43 (1958) (in Polish  
with English and Russian summaries)

Abstract: It has been found that solutions of rutin (I) give  
a color reaction with a solution of  $\text{UO}_2(\text{CH}_3\text{COO})_2$   
which can be used for the rapid and simple deter-  
mination of I. Experiments have been made with a  
view to the determination of the coordination number

Card : 1/2

2/5

COUNTRY	:	Poland	H-17
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 16 1959, No.	58120
AUTHOR	:	Bilinska, U.	
INST.	:	Not given	
TITLE	:	The Colorimetric Determination of Rutin with Ti(4+) Salts	
ORIG. PUB.	:	Acta Polon Pharmac, 15, No 2, 123-128 (1958)	
ABSTRACT	:	The author has determined the conditions under which the color reaction of solutions of rutin (I) with $TiO_2O_4$ can be used for the rapid and simple determination of I in pure form and in various pharmaceutical preparations. <i>From author's summary</i>	
CARD: 1/1			

BILINSKI, A.

"Height of rooms in mining with planned collapse of the roof. Biuletyn." p.29.  
(PRZEGLAD GORNICZY. Vol. 10, No. 12, Dec. 1954. Stalinograd, Poland)

SO: Monthly List of East European Accessions. (EEL). LC. Vol. 4, No. 4.  
April 1955. Uncl.

Bilinski, A.

✓ 4. INVESTIGATION OF ROCK PRESSURE AND MOVEMENT IN MINES K AND D.  
Bereki, N. and Bilinski, A. (Proc. Glav. Inst. Gorn. (Contr. chief Inst. Min.,  
Stalinograd), Ser. A, 1955, Econika, 176, 24pp.). Measurements of floor <sup>and</sup> roof  
pressure were made with a K2 mercury dynamometer and of roof movements by survey  
methods. Conclusions are drawn regarding supports. (L). 2

BILINSKI, A.

Research on the supporting strength of wooden timbering. Biuletyn.  
P. 25  
Trends in timbering. Biuletyn. P. 27  
PRZEGLAD GORNICZY. (Instytut Węglowy) Stalinogrod.  
Vol. 11, no. 9, Sept. 1955

SOURCE: EEAL LC Vol. 5, no. 7, July 1956

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CIA-RDP86-00513R000205320001-8

ZYSKA, Bronislaw, dr., inz.; BILINSKI, Alfred, mgr., inz.

Tests on the load bearing capacity of thin wood props. Przegl gorn  
17 no.9: Biuletyn 21-24 S '61.

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BILINSKI, Alfred, mgr., inz.; SIKORA, Włodzimierz, dr., inz.

Application of statistical methods to the analysis of results  
of productive longwalls with caving. Przegl gorn 18 no.4:Suppl.:  
Biuletyn glow Inst Gorn 13 no.1:1-4 '62.

BILINSKI, A.; SIKORA, W.

Nomograms for the supervision of labor and the prospects of production  
results in longwalls. Wiadom gorn 13 no.11:407 N '62.

BORECKI, Marcin, prof. mgr. inz.; BILINSKI, Alfred, mgr. inz.; KIDYBINSKI,  
Antoni, mgr. inz.

Roof sagging and mining pressure during accelerated excavation.  
Przegl gorn 18 no.6:309-317 Je '62.

1. Glowny Instytut Gornictwa, Katowice, ul. Katowicka 64.

BILINSKI, Alfred, dr. inż.; PERKOWSKI, Władysław, inż.; SZUSCIK, Walery, dr inż.

Work analysis of steel-link cribbing in caved longwalls. Głów inst  
gorn prace no. 343/351:1-20 '64.

1. Central Mining Institute, Katowice.

BILINSKI, Antoni, inz.

The OU-1 oscilloscope. Ciepl masz przeplyw no.47/48:87-90 '63.

PLONSKI, Jan; BIELSKA, Hanna; BILINSKI, Andrzej

Comparative analysis of phonocardiograms in fetuses and of phonocardiograms in newborn infants. Ginek. pol. 33 no.3:367-371 '62.

1. Z I Kliniki Położnictwa i Chorob Kobiecych AM w Warszawie Kierownik:  
prof. dr med. T. Bulski.  
(FETAL HEART) (INFANT NEWBORN) (PHONOCARDIOGRAPHY)

BILINSKI, Bronislaw, Professor

Polish Academy of Sciences Scientific Center in Rome; present activity and historical traditions. Review Pol Academy 8 no.2: 31-44 Ap-Je '63.

1. Head, Polish Academy of Sciences Center in Rome, vicolo Doria 2, Accademia Polacca.

BILINSKI, Bronislaw, prof.

The scientific Laboratory of the Polish academy of Sciences in Rome, Italy, and the Polish scientific traditions in Rome. Nauka polska 11 no.1:91-112 Ja-F '63.

1. Kierownik Stacji Naukowej Polskiej Akademii Nauk, Rzym,  
vicolo Doria 2, Accademia Polacca.

BILINSKI, Bronislaw

Rome, international center of scientific research; foreign  
academies and institutes. Nauka polska 12 no. 3;149-170 My-Je '64.

1. Scientific Station in Rome of the Polish Academy of Sciences.

BILINSKI, Bronislaw

Festivities in honor of Galileo Galilei in the Accademia  
Nazionale Dei-Lincei in Rome. Nauka polska 13 no.1:18-29  
Ja-F '65.

1. Scientific Station of the Polish Academy of Sciences in Rome,  
Italy.

BILINSKI, H.; FÜREDI, H.; BRANICA, M.; TEZAK, B.

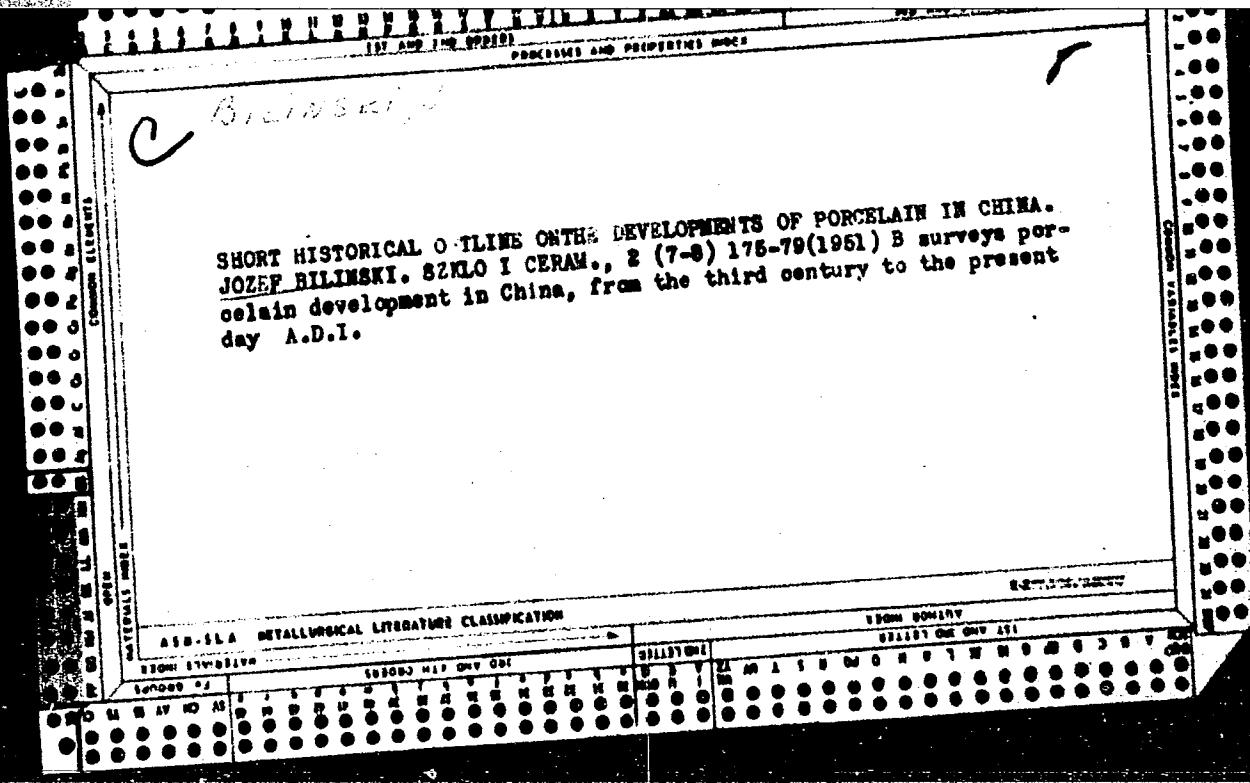
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1. Department of Physical Chemistry, Institute "Ruder Boskovic",  
and Laboratory of Physical Chemistry, Faculty of Science,  
University of Zagreb, Zagreb, Croatia, Yugoslavia. 2. Glavni  
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1. Department of Physical Chemistry, Institute "Ruder Boskovic"  
and Laboratory of Physical Chemistry, Faculty of Science,  
University of Zagreb, Zagreb, Croatia, Yugoslavia.



BILINSKI, J.

"Tasks of Sea Fisheries in the Light of Resolutions of the 9th Plenum  
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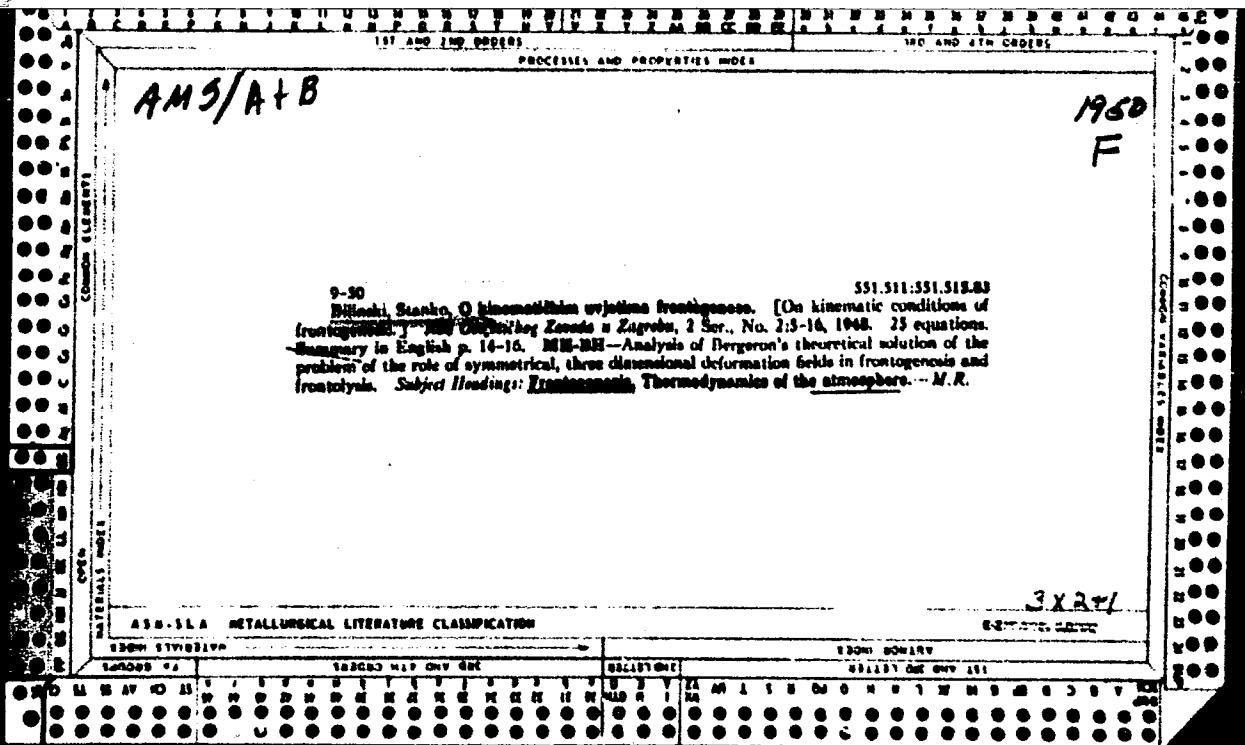
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[Masonry] Kamennye raboty. Izd.4, ispr. Moskva, Vses. uchebno-  
pedagog. izd-vo Proftekhizdat, 1961. 374 p. (MIRA 14:11)  
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Bilinski, Stanko. O kinematickim uvjetima frontogeneze. Radovan Vernic. Lokalna sinopticka analiza i termodinamicke karakteristike zracanih masa. Zagreb (Tipografija) 1948, 88.p (Kinematic conditions of frontogenesis. Radovan Vernic: Local synoptic analysis and thermodynamic characteristics of air masses. English summaries. illus., bibl.)

SO: Monthly List of East European Accessions, L.C., Vol., 3, No. 4, April 1954

*Ljiljan Škič, Matko*

*2*

Bilinski, Stanko. Contribution to the dynamics of the cumulonimbus cloud. Hrvatsko Prirodoslovno Društvo. Glasnik Mat.-Fiz. Astr. Ser. II. 3, 29-51 (1948). (Croatian. English summary)

An explanation is given of the barograph trace during the passage of a cumulonimbus, viz., the sudden increase and subsequent fall of the pressure. It is first shown that a descending air current can originate in the region of heaviest precipitation of the cumulonimbus because friction of the air on the raindrops can overbalance the buoyancy of the warm ascending current. Then a possible field of flow in a cumulonimbus is derived, and it is shown that this field of motion leads to a pressure distribution with a pressure rise during the passage of the cloud.

*B. Haurwitz.*

*ff*  
Source: Mathematical Reviews, Vol 10 No. 4

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Yugoslavia (430)

Science

The G. Monge theory on the quadrangle. p. 49.  
GLASNIK MATEMATICKO-FIZICKI I ASTRONOMSKI,  
Vol. 5, no. 2-3 , 1950.

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Distanz: Stetig über sputanische Kurvenlinien von  
Raumkurven. Hirataku Punktfolgen-Draufzug.

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